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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV 02-2005)  |   | ATTORNEY'S DOCKET NO.<br><b>430156.404USPC</b>                      |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/535312</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/KR2004/002943</b>   | INTERNATIONAL FILING DATE<br><b>13 November 2004 (13.11.2004)</b> | PRIORITY DATE CLAIMED<br><b>13 November 2003 (13.11.2003)</b>       |
| TITLE OF INVENTION<br><b>METHOD FOR THE MASS PRODUCTION OF IMMUNOGLOBULIN CONSTANT REGION</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>JUNG, Sung Youb; KIM, Jin Sun; PARK, Young Jin; CHOI, Ki-Doo; KWON, Se Chang; LEE, Gwan Sun</b>   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |   |   |
| <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: 5 Sheets of Drawings (Figs. 1-5); Sequence Listing (21 pages)</li> </ol>   |   |   |

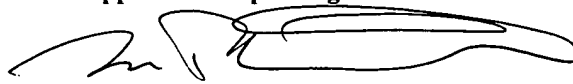
|  |              |   |             |   |                 |
|--|--------------|---|-------------|---|-----------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/535312</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/KR2004/002943</b>                     |             | ATTORNEY'S DOCKET NUMBER<br><b>430156.404USPC</b> |                 |
| The following fees are submitted   |              |   |             |   |                 |
| 21. <input checked="" type="checkbox"/> Basic national fee.....  |              |   |             | <b>\$300.00</b>                                   | <b>\$300.00</b> |
| 22. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....  |              |   |             | <b>\$100.00</b>                                   |                 |
| All other situations .....   |              |   |             | <b>\$200.00</b>                                   | <b>\$200.00</b> |
| 23. <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....  |              |   |             | <b>\$100.00</b>                                   |                 |
| International Search Report prepared and provided to the Office .....  |              |   |             | <b>\$400.00</b>                                   |                 |
| All other situations .....   |              |   |             | <b>\$500.00</b>                                   | <b>\$500.00</b> |
| <b>TOTAL OF 21, 22 AND 23 =</b>  |              |   |             | <b>\$1000.00</b>                                  |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. |              |   |             |   |                 |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE        |   |                 |
| - 100 =  | /50 =        |   | X \$250.00  | <b>\$</b>   | <b>.00</b>      |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).   |              |   |             | <b>\$130.00</b>                                   |                 |
| Claims   | Number Filed | Number Extra  | Rate        |   |                 |
| Total Claims   | - 20 =       |   | x \$ 50.00  | <b>\$</b>   | <b>.00</b>      |
| Independent Claims   | - 3 =        |   | x \$ 200.00 | <b>\$</b>   | <b>.00</b>      |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   |             | <b>+ \$360.00</b>                                 | <b>\$</b>       |
|  |              |   |             | <b>\$</b>   | <b>.00</b>      |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |             | <b>\$1130.00</b>                                  |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   |              |   |             | <b>\$</b>   | <b>.00</b>      |
| <b>SUBTOTAL =</b>  |              |   |             | <b>\$1130.00</b>                                  |                 |
| - Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  |              |   |             | <b>+</b>  | <b>\$</b>       |
|  |              |   |             | <b>\$</b>   | <b>.00</b>      |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |             | <b>\$1130.00</b>                                  |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |             | <b>+</b>  | <b>\$</b>       |
|  |              |   |             | <b>\$</b>   | <b>.00</b>      |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |             | <b>\$1130.00</b>                                  |                 |
|  |              |   |             | <b>Amount to be refunded:</b>                     |                 |
|  |              |   |             | <b>Amount to be Charged:</b>                      |                 |

- a. ☒ A check in the amount of **\$1130** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. **19-1090** in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-1090**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

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SIGNATURE

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44,614  
REGISTRATION NUMBER